## ABSTRACT

A method for treating Type II diabetes by administering to an affected individual a combination of chromic tripicolinate and biotin. The two compounds are administered orally or parenterally at in daily dosages which provide between 50 and 1,000  $\mu g$  of chromium and between 25  $\mu g$  and 200 mg biotin, the amounts of chromium and biotin being selected together to provide a greater than additive effect.